FIG.1

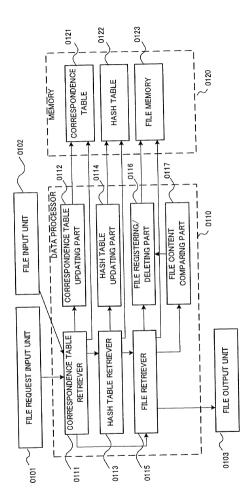


FIG.2

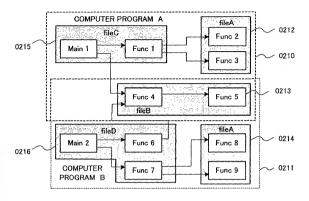


FIG.3

FILE NAME	FILE ID	MANAGING ID
	usr 001. prog 01	A-1
file A	usr 001. prog 02	A-2
	usr 002. prog 01	A-1
file B	usr 002. prog 01	B-1
ille D	usr 003. prog 01	B-2
÷	:	÷

FIG.4

FILE NAME	FILE	MANAGING ID
file A	FuncA ()0401	A-1
	FuncB ()0402	A-2
	FuncC()0403	A-3

(a)

KEY VALUE	MANAGING ID
HASH TABLE FOR FILE 0401(=aaaa)	A-1
HASH TABLE FOR FILE 0402(=bbbb)	A-2
HASH TABLE FOR FILE 0403(=bbbb)	A-3

(b)

FIG.8

MANAGING ID	FILE
A-1	FuncA ()0401
A-2	FuncB () 0402
A-3	FuncC()0403

FIG.5

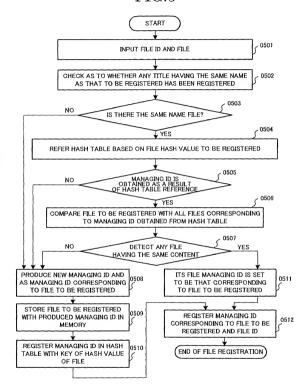


FIG.6

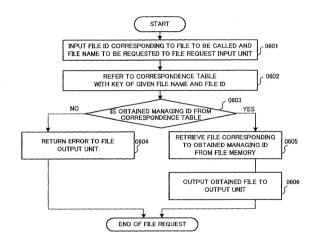


FIG.7

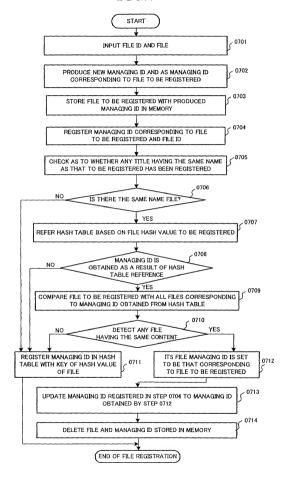
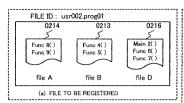


FIG.9



-	COF	RRESPONDENCE T	ABLE 12	017
FILE NAME		FILE ID	MANAGING ID	
1	file A	usr001.prog01	fileA-1	į
	file B	usr001.prog01	fileB-1	
	file C	usr001.prog01	fileC-1	

HASH TABLE OF FILE A					
KEY	KEY VALUE				
HASH TABLE	FOR FILE A0212	fileA-1			
/I HA	SH TABLE OF F	ILE B			
KEY	VALUE	MANAGING ID			
HASH TABLE	FOR FILE B0213	fileB-1			
HA	SH TABLE OF F	ILE C			
KEY	VALUE	MANAGING ID			
HASH TABLE	FOR FILE C0215	fileC-1			
FILE I	MEMORY FILE	7~1203			
fileA-1	Func 2() Func 3()				
fileB-1	Func 4() Func 5()				
fileC-1					
(b) BEFORE REGISTRATION					

CORRESPONDENCE TABLE				
FILE NAME	FILE ID	MANAGING ID	1204 ~	
file A	usr001.prog01	fileA-1	1211	
ille A	usr002.prog01	fileA-2	~	
file B	usr001.prog01	fileB-1	1212	
me B	usr002.prog01	fileB-2	<u>ا</u> ا	
file C	usr001.prog01	fileC-1	1213	
file D	usr002.prog01	fileD-1	~ "	

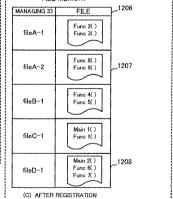
HASH TABLE FOR FILE A

	KEY VALUE	MANAGING ID	1
į	HASH TABLE FOR FILE A0212	fileA-1	1209
į	HASH TABLE FOR FILE A0214	fileA-2	├

HASH TABLE FOR FILE B		
KEY VALUE	MANAGING ID	
HASH TABLE FOR FILE B0213	fileB-1	

HASH TABLE FOR FILE D KEY VALUE | MANAGING ID | 1210 HASH TABLE FOR FILE D0216 | fileD-1 | 1210

FILE MEMORY



(b)

FIG.10

CORRESPONDENCE TABLE			FILE	MEMORY	
FILE NAME	FILE ID	MANAGING ID	1311	MANAGING ID	FILE 1312
file A	usr001.prog01	fileA-1			
THE A	usr002.prog01	fileA-2	~1304	fileA-1	Func 2()
file B	usr001.prog01	fileB-1			Func 3()
ille D	usr002.prog01	fileB-2	1305		$\bigcup_{i=1}^{n}$
file C	usr001.prog01	fileC-1			
file D	usr002.prog01	fileD-1	~1306	fileA-2	Func 8() 1301
	(a)			IIIEA-Z	Func 9()
	SH TABLE OF FI			fileB-1	Func 4() Func 5()
	FOR FILE A0212	MANAGING ID			
	FOR FILE A0212	fileA-2	_1307		
MASH TAULE	TORTILL ADEIY	meA 2			Func 4() ~1302
HA	SH TABLE OF FI	LE B		fileB−2	Func 5()
KEY	VALUE	MANAGING ID			
HASH TABLE	FOR FILEB0213	fileB-1			
НА	HASH TABLE OF FILE C			fileC-1	Main 1() Func 1()
	KEY VALUE MANAGING ID HASH TABLE FOR FILE C0215 fileC-1				<u></u>
HASH TABLE				Main 2() ~1303	
	HASH TABLE OF FI		MANAGING ID 1308		Func 6()
HASH TABLE	HASH TABLE FOR FILE D0216 fileD-1			·	
	(b)				(c)

FIG.11

File	ID	
HASH TABLE FOR FILE 0401	A-1	FOR FILE NAME"file A"
HASH TABLE FOR FILE 0402	A-2	FOR FILE NAME"file A"
HASH TABLE FOR FILE 0403	A-3	FOR FILE NAME"file A"
HASH TABLE FOR FILE 0404	B-1	← FOR FILE NAME"file B"
HASH TABLE FOR FILE 0405	B-2	FOR FILE NAME"file B"
:	:	

FIG.12

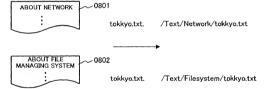


FIG.13

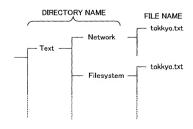


FIG.14

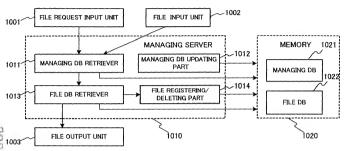


FIG.15

TYPE	FILE NAME	VERSION	MANAGING ID
1	Α	1.0	001
2	Α	1.0	002
1	Α	2.0	003
1	В	1.0	004
1			
		:	
		-	

DESCRIPTION OF STREET